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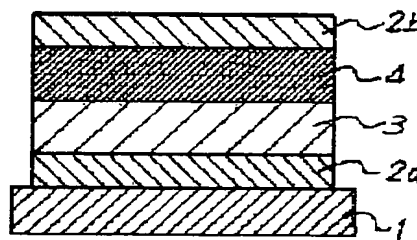
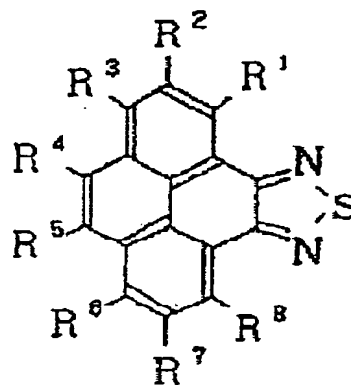
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INVENTOR : SATO YOSHIHARU;

INT.CL. : C09K 11/06 H05B 33/14

TITLE : ORGANIC ELECTROLUMINESCENT  
ELEMENT



ABSTRACT : PURPOSE: To obtain the title element which can provide a luminescence of a sufficient luminance at a low driving voltage and can retain the initial luminescent characteristics even after a long-term storage by adding a specified fluorescent color to an organic hole transport layer and an organic electron transport layer.

CONSTITUTION: A 1,2,5-thiadiazolopyrene derivative of the formula (wherein  $R^1$  to  $R^8$  are each hydrogen, halogen, cyano, nitro, carboxyl or an alkyl, aralkyl, alkenyl, amino, amide, alkoxyl, alkoxycarbonyl, alkoxysulfonyl, aromatic hydrocarbon or heterocyclic group which may have a substituent) is prepared. When an organic electroluminescent element is produced by successively laying a conductive layer 2a, an organic hole transport layer 3 containing an organic hole transport compound, an organic electron transport layer 4 containing an organic electron transport compound and a conductive layer 2b on a substrate 1, the compound of formula I is added as a dopant to the hole transport layer 3 and/or the electron transport layer 4.

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